RCU500

RСЛ

Universal Remote Control



This Universal Remote Control is compatible with most models of infrared controlled Televisions, VCRs, Cable Boxes, Satellite Receivers, and Audio Equipment manufactured after 1989. Please retain this guide for future reference.

90 Day Warranty

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Button Description

Device Buttons (VCR1, VCR2•LD, SAT•CABLE, AUDIO, TV) Determines which device you are controlling. The VCR2•LD and SAT•CABLE buttons can be assigned to one of the two devices listed. For example, VCR2•LD can be assigned to either a VCR or a Laserdisc Player.

VCR Buttons (TV/VCR, REW, PLAY, FF, REC, STOP, PAUSE) Use these buttons to control playback from a VCR or Laserdisc Player. Also used to record onto a VCR tape.

ENTER (Also SKIP for some RCA, GE, and ProScan TV's) Use this button for two functions. Use as ENTER when programming using CODE SEARCH or when entering channel numbers for some TVs. Use as SKIP to look at other channels during commercial breaks. Press SKIP repeatedly to select the commercial time to skip. Change channels and TV will return to original channel when time runs out.

Channel and Volume (DISPLAY, VOL, CHAN, MUTE, PREV CH)

Use these buttons to control sound and channel changes.

Number Buttons (0-9)

Use these buttons to directly enter channel numbers for a TV, VCR and Cable Box or for accessing preset channels of an AM/FM tuner or enter disk and track numbers for a CD player. Also used for entering program code numbers from brand lists.

Menu Buttons (MENU•PROG, MOVE, -, +, UP, DOWN) Use these buttons to adjust on-screen menu features and programming information.

Code Search Button

Programs devices by searching through brand codes. Use when code lists are not available or when the listed code does not work with your device. *See page 4.*

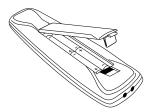
PIP Buttons (PIP, MOVE PIP, SWAP, FREEZE)
Use these buttons to adjust the Picture-in-Picture feature if it is available on your TV.



Setting Up Your Universal Remote

Place Batteries in the remote

- 1. Remove the battery compartment cover.
- 2. Place 4 AAA batteries as shown, matching the + and – end of each battery as indicated in the battery compartment.
- 3. Replace the cover.



Determine if your remote needs programming

Some RCA, GE and ProScan devices may already be preprogrammed.

- 1. Press the button of the device you want to control (for example TV).
- 2. If the device turns on, press another button to confirm (for example CHANNEL UP).
- 3. If the device you selected (TV) responds, you will not need to program the remote. If the device you selected (TV) does not respond, you will need to program the remote (See pages 4-5 for programming instructions).
- 4. Repeat steps 1-3 for other devices.





Programming Your Universal Remote

The remote may already be set-up to operate your brand of TV, VCR, Laserdisc, Satellite Receiver, Audio Equipment, or Cable Box. It is preprogrammed with the following codes: TV-000, VCR1-000, AUDIO-003, SAT • Cable Box-000, and Laser Disc Player-037. For brands that require programming, there are two ways to program: Using Code Lists or Code Search. Use Code Search if the code lists are not available or if the codes from the lists do not operate a device.

Programming a Device using CODE SEARCH

- Manually turn on your device (TV, VCR, Laserdisc Player, Satellite Receiver, Cable Box or Audio Equipment).
- 2. Press and hold CODE•SRCH.
- 3. Press and release the device button you want to set up (TV, VCR1, VCR2•LD, SAT•CABLE, or AUDIO).

POWER VCR1 SAT*CABLE TV
VCR 2*LD AUDIO

PRESS

& HOLD

CODE SEARCH

- 4. Release CODE•SRCH.
- 5. Press **POWER** repeatedly until the device turns off (you may have to press up to 100 times).
- 6. Once the device turns off, press and release **ENTER**.
- With the device on, press another button, for example **CHANNEL UP**. If the device responds, no further programming is required. If the device does not respond, repeat steps 1-7.

RELEASE CODE SEARCH







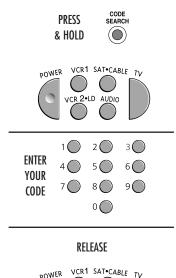
Programming Your Universal Remote

Programming a Device using CODE LISTS

1. Find codes for each device and brand on page numbers shown below.

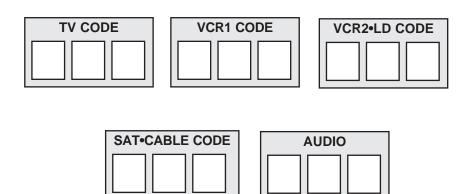
<u>Device</u>	<u>Page</u>
TV	12
VCR	13
LaserDisc Player	14
Satellite Receiver	14
Cable Box	14
Audio Equipmen	t 15

- Press and hold the TV, VCR1, VCR2•LD, SAT•CABLE, or AUDIO button you want to set up. SAT•CABLE can be programmed to operate other Satellite Receivers.
- 3. Enter the three digit code from the TV, VCR, Laserdisc Player, Satellite Receiver, Cable Box, or Audio code list.
- 4. Release the device key.
- With the device on, press another button, for example **CHANNEL UP**. If the device responds, no further programming is required. If the device does not respond, repeat 2-4 using another code.
- 6. Enter your device codes here for easy reference.





CR 2.LD AUDIO



Operating Your TV

Turning the TV On and Off.

- 1. Press **TV** to set the remote to control the TV (Most RCA, GE and ProScan models will only turn on when TV is pressed, not POWER.)
- 2. Press **POWER** to turn the TV on or off.





Change Channels on the TV

Press CHANNEL UP or CHANNEL DOWN to change channels on the TV or enter the channels as you would normally for your TV.

Use the buttons below to adjust features on your TV.

DISPLAY– Shows displays on the screen and clears menus from the screen.

MUTE – Switches the TV sound on or off.

PREV CH (PREVIOUS CHANNEL) - Changes back and forth between two channels. Select a channel using the number buttons and then select another. Press PREV CH to switch between the two channels.

If your TV has picture-in-picture, you may be able to use the following buttons to adjust PIP.

PIP (PICTURE-IN-PICTURE) – Turns the small picture on or off.

MOVE PIP – Moves the small picture to the next corner.

SWAP – Switches the channel in the small picture with the big picture.

FREEZE – Freezes or unfreezes the small picture.

You may want to experiment with the remote to determine all the buttons which will work with your TV.















Operating Your Cable Box

Turning the Cable Box On and Off.

- 1. Point the remote at the cable box and press **SAT•CABLE**.
- 2. Press **POWER** to turn it on or off.





Changing Channels on the Cable Box.

Press **CHANNEL UP** or **DOWN** to change channels on the cable box or enter the channel as you would normally for your cable box.





Operating Your Satellite Receiver

1. Point the remote at the Satellite Receiver, press **SAT•CABLE**, and follow the directions.



To Operate the Program Guide

- 1. Press MENU•PROG.
- 2. Press 1 to select Program Guide.
- 3. Move through the Program Guide with the navigation keys.
- 4. Make your selection by pressing **DISPLAY**.



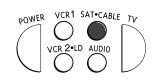




Turning the Satellite Receiver On and Off.

- 1. Point the remote at the Satellite Receiver and press **SAT•CABLE**.
- 2. Press **POWER** to turn it on or off.

You may want to experiment with the remote to determine all the buttons which work with your Satellite Receiver.

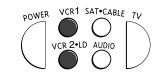




Operating Your VCR

Turn the VCR On and Off.

1. Press VCR1 or VCR2•LD to set the remote to control the VCR. (Most RCA, GE and ProScan models will only turn on when pressing VCR not POWER).



2. Press **POWER** to turn the VCR on or off.



Using the VCR function buttons.

- 1. Turn on the VCR.
- 2. Insert a tape in the VCR.
- 3. Press **PLAY** to start the tape.
- 4. Press **STOP** when you are finished.
- 5. Press **REW** to rewind the tape.
- 6. Press **PAUSE** to pause the tape.



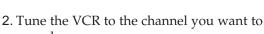


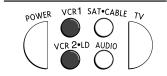




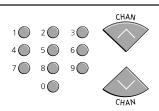
Record one channel and watch another.

1. Press VCR1 or VCR2•LD to set the remote to control the VCR.





record.



3. Press **REC** to start recording.



4. Press TV/VCR.



5. Press **TV** to set the remote to control the TV.



- 6. Press CHANNEL UP or DOWN to change channels on the TV.
- 7. To see the channel you are recording, tune the TV to channel 3 or 4 (same as CH3/4 switch on the VCR). Tune to 90, 91, or 92 for some RCA, GE or ProScan products.

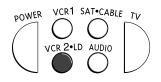




Operating Your Laserdisc Player

Turn the Laserdisc Player On and Off.

1. Press **VCR2•LD** to set the remote to control the Laserdisc Player.



2. Press **POWER** to turn the Laserdisc Player on or off.



Using the Laserdisc Player function buttons.

- 1. Turn on the Laserdisc Player.
- 2. Place a disc in the Laserdisc Player.
- 3. Press **PLAY** to start the disc.
- 4. Press **STOP** when you are finished.
- 5. Press **PAUSE** to pause the disc.

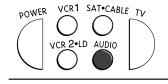
You may want to experiment with the remote to determine all the buttons which work with your Laserdisc Player.



Operating Your Audio Equipment

Turn the Audio Equipment On and Off.

 Press AUDIO to set the remote to control the Audio Equipment. (Most RCA, GE and ProScan models will only turn on when pressing AUDIO not POWER).



2. Press **POWER** to turn the Audio Equipment on or off.



Using the Audio function buttons.

You may want to experiment with the remote to determine all the buttons which work with your Audio Equipment.

Using the Menu Functions for RCA Televisions

RCA, GE, and ProScan televisions use three different menu systems. Read the following descriptions, and choose the one that matches your TV.

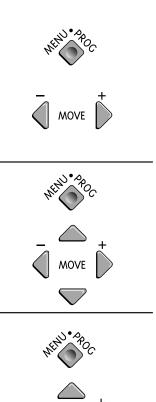
System 1: If you use **MENU**, +, and – buttons on your current remote, substitute them with **MENU•PROG**, and the + and – (arrow) buttons on this remote, and refer to your TV owner's manual for operating instructions. The remote is already set-up to operate this menu system. Program the remote with TV code 101.

System 2: If you use MENU, CHANNEL UP, CHANNEL DOWN, VOLUME UP, and VOL-UME DOWN buttons on your current remote, substitute them with MENU•PROG, and the (arrow) buttons on this remote, and refer to your TV owner's manual for operating Instructions.

System 3: If you use **SETUP**, **VIDEO**, **AUDIO**, **+**, and **–** buttons on your current remote, substitute them with **MENU•PROG**, (up arrow), (down arrow), and the **+** and **–** (arrow) buttons on this remote, and refer to your TV owner's manual for operating instructions.

MENU/PROG = SETUP UP = AUDIO DOWN = VIDEO

The remote must be programmed with TV code 109. Refer to the procedure on page 5.



Using the Menu Functions for Other Televisions

You will have to experiment with the remote to determine the buttons which will work with your TV.

Operating Your TV/VCR Combo Unit

Some TV/VCR combination units may be controlled by using a combination of TV and VCR codes. For example, the Samsung TV/VCR combo unit may be controlled by both the Samsung TV code and the Samsung VCR code.

Special Operations

RCA, GE and PROSCAN Brand Devices:

Many of these devices (TVs and VCRs) will not need to be programmed. In the event that programming is required, the code search method is suggested. Note: With these brands, the device button (TV, VCR1, VCR2•LD, AUDIO) will usually turn the units on. The POWER button will only turn off the device, if you used the TV, VCR1 or AUDIO button to turn the unit on.

SCIENTIFIC ATLANTIC Cable Boxes:

This brand of cable box can be programmed using the code search method by using the **CHANNEL UP** key rather than **POWER** during Code Search. NOTE: The device must be turned on prior to beginning the code search. Once the device turns off, press and release **ENTER**.

In most cases this cable box can be turned on and off using the **CHANNEL UP** key <u>not</u> the **POWER** button. If the unit will not turn on using the **CHANNEL UP** key, then manually turn it on and only partial compatibility will be achieved.

JERROLD or GENERAL INSTRUMENTS Cable Boxes:

These units can be programmed using the code search method. In some cases, these devices will change channels during the code search. Continue until the unit turns off, then press and release **ENTER**.

ZENITH and OAK Cable Boxes

Some Zenith and Oak Cable Boxes require pressing **CHANNEL DOWN** rather than **ENTER** after numeric entry.

TV Code List

A Marila 102	MTC 011 010 027
A-Mark	MTC011,019,027 Multivision081
Admiral	NAD
Amtron	NEC011,014,019,027,038,084
Anam	Panasonic
Anam National	Penney
AOC011,019,027,088,107	027,040,068,077,086,088
Bell & Howell	Philco006,007,010,011,013,016,019
Candle	027,033,035,037,038,043,087,089
Citizen011,027,033,064	Philips002,006,007,010,011,013,016
Colortyme011,027,084	033,035,037,038,043,066,073
Concerto	Pioneer
Contec/Cony036,037,040,042,064	Portland011,019,027,037
Craig	ProScan
Curtis Mathes000,011,015,027,037	Proton011,027,037,072
CXC064	Quaser
Daewoo011,019,027,0112	Radio Shack000,021,025,036
Daytron011,027	037,059,064,078
Dimensia	RCA000,006,011,019,027,034
Electrohome006,011,014,027,038	038,044,046,088,100,101,109
061,068	Realistic021
Emerson011,026,027,028,029,030	Sampo011,027
031,032,037,042,053,064,065	Samsung006,011,014,015
067,075,076,078,079,091,094,095,096	019,027,036,037,077,110
Envision011,027	Sanyo017,021,039,056,057,058
Fisher017,021,039,041	Scott028,037,064
Funai064	Sears000,006,011,014,017,018,021
GE000,008,009,011,012,027	023,027,039,040,041,051,071,083,095
038,068,086,089,091	Sharp011,020,025,027,037
Goldstar003,004,006,011,019	052,053,059,060,108
027,037,050	Signature005,094
Hallmark011,027	Sony002
Hitachi009,011,027,036,037,040	Soundesign011,027,033
047,048,063,080,094,097,098	Sylvania006,007,010,011,013,016,027
Infinity013	033,035,043,049,066,087,089
JBL013	Symphonic064,076
Jensen011,027	Tatung038
JVC012,024,036,037,040,048,051,074	Technics012
Kawasho002,011,027	Techwood011,027
Kenwood006,011,014,027	Teknika011,019,027,033
Kloss Novabeam035,043	036,037,040,066
KTV078	Telecaption090
Loewe013	TMK011,027
Luxman011,027	Toshiba018,021,023,040
LXI000,013,018,021,023,054	071,077,085,090
Magnavox006,007,010,011,013,016	Universal008,009
027,033,035,043,049,066,087,089	Victor051
Marants013	Vidtech019,027
Marantz011,013,027,069	Wards000,005,006,007,008
Memorex005	009,010,011,013,019
MGA006,011,014,019,022	025,027,028,035,043
027,041,056,061,068	059,066,076,082,089
Mitsubishi006,011,014,019,022	Yamaha006,014,019,027
027,041,055,056,061,068	Zenith001,099

VCR Code List

Admiral006	Montgomous Ward 006
Admirai	Montgomery Ward006 MTC007,015
Akai003,017,022,023,063,066	Multitech007,015,031,032
	NEC
Audio Dynamics014,016 Bell & Howell002	
Broksonic	044,046,059,061,064
	Panasonic
Candle007,009,013,044,045	Pentax
046,052	Pentex Research
Canon	Philco
Capehart	Philips
Citizen007,009,013,044,045	Pioneer
046,052	Portland044,045,052
Colortyme014	ProScan000
Craig007,012	Quartz002
Curtis-Mathes000,007,008,014	Quasar
015,044,046,053,064,067	RCA000,005,007,008,028
Daewoo013,045,052,076	035,037,054,069
DBX014,016	Radio Shack/Realistic002,006
Dimensia000	008,009,012,015
Dynatech015	019,027,043,053
Electrohome027	Samsung007,013,022,032,042
Emerson008,009,010,013,015	Sansui016,071
020,023,027,034,041	Sanyo002,012
042,047,049,057,062	Scott004,013,041,049,068
065,067,068,070	Sears002,005,009,012,018
Fisher002,012,018,019	019,035,043,048
043,048,058	Sharp006,024,027,039,045
Funai015	Shintom017,026,031,035,55
GE000,007,008,032,037,053	Signature015
Goldstar009,014,046,060	Sony017,026,038
Harman Kardon014	Sylvania008,015,029,053,056
Hitachi005,015,035,036	Symphonic015
Instant Replay008	Tandy002,015
JCL008	Tashiko009
JC Penney002,005,007,008,014	Tatung030
016,030,035,051,053	Teac015,030,069
JVC002,014,016,030,044,046	Technics008
Kenwood002,014,016,030,044,046	Teknika008,009,015,021
KLH073	Toshiba005,013,019,048,049
Lloyd015	Totevision007,009
Logik031	TMK067
Magnavox008,029,053,056	Unitech007
Marantz002,008,014,016,029	Vector Research014,016,044
030,044,046,061	Victor016
Marta009	Video Concepts014,016,044
MEI008	Videosonic007
Memorex008,009,012,015	Wards005,006,007,008,009,012
MGA004,027	013,015,025,027,031,035
Midland032	Yamaha002,014,016,030,046
Minolta005,035	Zenith011,017,026,072
Mitsubishi004,005,027,035,040	

Laserdisc Player Code List

Pioneer	033	RCA	03
ProScan	037		

Satellite Receiver Code List

Chaparral	080,081	STS2	086
Cheyenne	081	STS3	087
Drake	082,083	STS4	088
General Instruments	092,093,094	Toshiba	089
RCA Digital Satellite	System000	Uniden	090
Realistic	084	Video Cipher II	091
Sierra I,II,III	081	-	
STS1	085		

Cable Box Code List

Pioneer018,020,044
RCA000,027
Randtek007,008
Regal003,012,013
Regency002,033
Samsung044
Sci. Atlanta *003,022,035,063,064
Signature046
Sprucer027
Starcom046
Stargate 2000058
Sylvania011,059
Teknika006
Texscan010,011,059
Tocom017,021,049,050,055
Unika031,032,041
Universal051,052,060
Viewstar007,008,019,021,026,028
029,032,033,040,041
Warner Amex044
Zenith*014,042,057,061

TV/VCR Combinations

Use TV or VCR codes listed for your brand to operate your TV/VCR combo unit.

^{*} See special notes on page 11.

Audio Equipment Code List

ADS	ONKYO
AMP001	AM/FM082
AIWA	CD078
CD060	TAPE080,081
	PHONO079
AKAI	PANASONIC
AMP002,008	AMP012
DENON	AM/FM038
CD057	CD036,083
	TAPE037
DYNAMIC BASS	
AM/FM029	PHILLIPS
CD	AMP
TAPE026,027	AM/FM062
PHONO028	CD061
EMERSON	PIONEER
CD066	AMP014
FISHER	AM/FM042
AMP023	CD039
CD067	TAPE040,041
CD007	RCA
HITACHI	AMP024
CD063	AM/FM003
JVC	CD007,043,044
AMP016,058	TAPE006
AM/FM030,035	PHONO
CD032	AUX004,054
TAPE033,034	
	REALISTIC
AUX031	REALISTIC CD063,066
AUX031 KENWOOD	CD063,066
AUX	CD063,066 SANSUI
AUX	CD063,066 SANSUI CD045
AUX	CD

RСЛ **HOME THEATRE™**

THE ULTIMATE SIGHT AND SOUND EXPERIENCE IN YOUR OWN HOME

UNIVERSAL REMOTE Multi-Brand use

■ WORKS UP TO 5 VIDEO AND AUDIO **COMPONENTS:**

More versatile than competitive models. Replace up to 5 remote controls...1 TV, 1 VCR, 1 VCR or Laser Disc Player, 1 Cable Box or Satellite Receiver and 1 Audio Component. Specially designed for home theatre. See the extensive brand list for coverage.

CODE SEARCH:

Makes set-up easy. Scans the entire code library to find the right code for vour TV, VCR, Cable Box, Satellite Receiver, Laser Disc Player or Audio Component at the touch of a button.

■ ADVANCED PIP & MENU CONTROLS:

Control picture-in-picture and menu functions not available on most remotes.

DBS SATELLITE SYSTEM COMPATIBLE:

Preprogrammed to work with the Digital Satellite System.

■ TOLL-FREE **CONSUMER HELPLINE:**

1-800-316-8756 A customer service representative is ready to help with questions.

Requires 4 AAA Batteries (Not Included)



THIS SYSTEMLINK™ 5AV REMOTE CONTROL IS COMPATIBLE WITH MOST OF THE FOLLOWING BRANDS

(of infrared controlled components manufactured after 1989):

TV					
A-Mark Admiral Akai Amiron Anam National AOC Bell & Howell Candle Citizen Colortyme Concerto Contec/Cony Craig Curtis Mathes CXC Daewoo Daytron	Dimensia Electrohome Emerson Emerson Envision Fisher Funai GE Goldstar Hallmark Hitachi Infinity Jensen JVC Kawasho Kenwood Kloss	Novabeam KTV Loewe Luxman LXI Magnavox Marantz Memorex MGA Mitsubishi MTC Multivision NAD NEC Panasonic Penney Philico	Philips Pioneer Porland ProScan Proton Quasar Radio Shack RCA Realistic Sampo Samsung Sanyo Scott Sears Sharp Signature Sony	Soundesign Sylvania Symphonic Tatung Technics Technics Technika Telecaption TMK Toshiba Universal Victor Videch Wards Yamaha Zenith	
VCR					ľ
Admiral Aiwa	Emerson Fisher	MEI Memorex	ProScan ∆ Quartz	Tatung Teac	

Aulillai	EIIIGISUII	IVIEI	T TUOGAIT A	raturry
Aiwa	Fisher	Memorex	Quartz	Teac
Akai	Funai	MGA	Quasar	Technics
Audio	GE	Midland	RCA ∆	Teknika
Dynamics	Goldstar	Minolta	Radio Shack/	Toshiba
Bell & Howell	Harman	Mitsubishi	Realistic	Totevision
Broksonic	Kardon	Montgomery	Samsung	TMK
Candle	Hitachi	Ward	Sansui	Unitech
Canon	Instant Replay	MTC	Sanyo	Vector
Capehart	JCL	Multitech	Scott	Research
Citizen	JCPenney	NEC	Sears	Victor
Colortyme	JVC	Panasonic	Sharp	Video
Craig	Kenwood	Pentex	Shintom	Concepts
Curtis-Mathes	KLH	Pentex-	Signature	Videosonio
Daewoo	Lloyd	Research +	Sony	Wards
dbx	Logik	Philco	Svlvania	Yamaha
Dimensia	Magnavox	Philips	Symphonic	Zenith
Dynatech	Marantz	Pioneer A	Tandy	
Electrohome	Marta	Portland	Tashiko	
Lioutionomo	marta	i ortiunu		

Cab	le	Box

Audio					
ads Aiwa Akai Denon Dynamic Bass Emerson	Fisher Hitachi JVC Kenwood Kyocera Lotte (NEC)	Magnavox Marantz Mitsubishi Nakamichi Onkyo Panasonic	Philips Pioneer RCA Realistic Sansui Scott	Sherwood Sony Teac Technics Yamaha	

Satellite Receiver							
Chapparal Cheyenne	Digital Satellite System General Instruments	Realistic STS1	STS3 STS4	Uniden Video Cipher II			
Drake	Sierra I.II.III	STS2	Toshiba				

 Δ = Also works Laser Disc Player Brands

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